

QuietRock Ultra QR-522



FIGURE 1

QuietRock Ultra QR-523

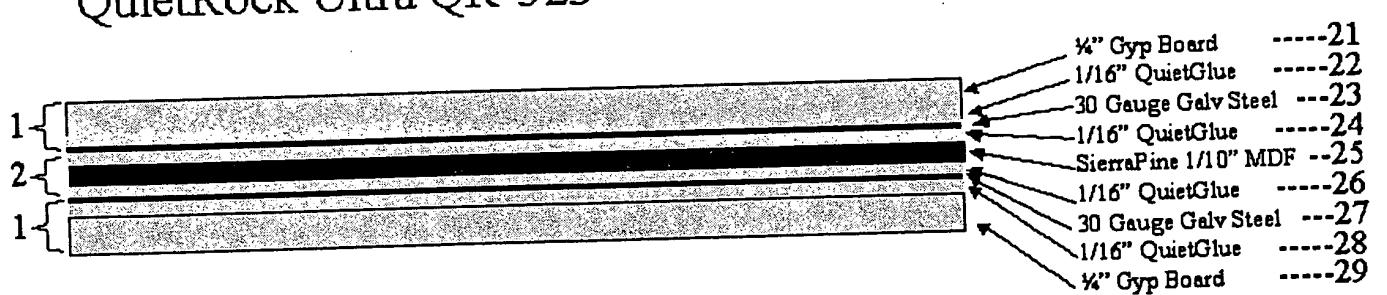


FIGURE 2

QuietRock Ultra QR-521

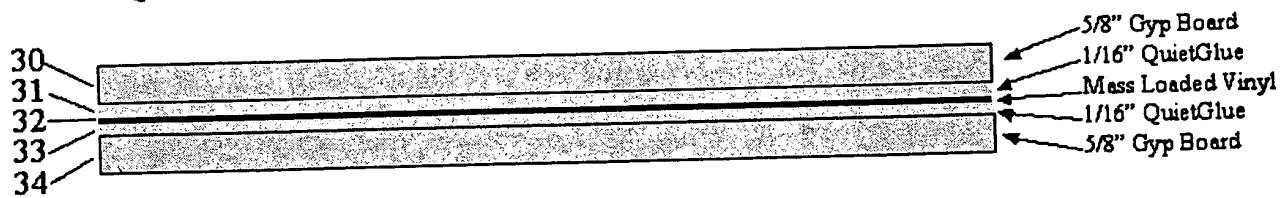


FIGURE 3

QuietWood Ultra QR-502

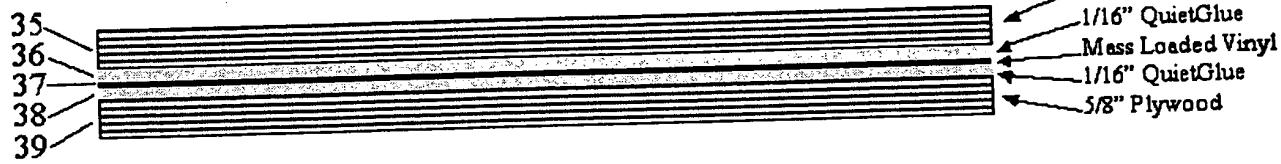
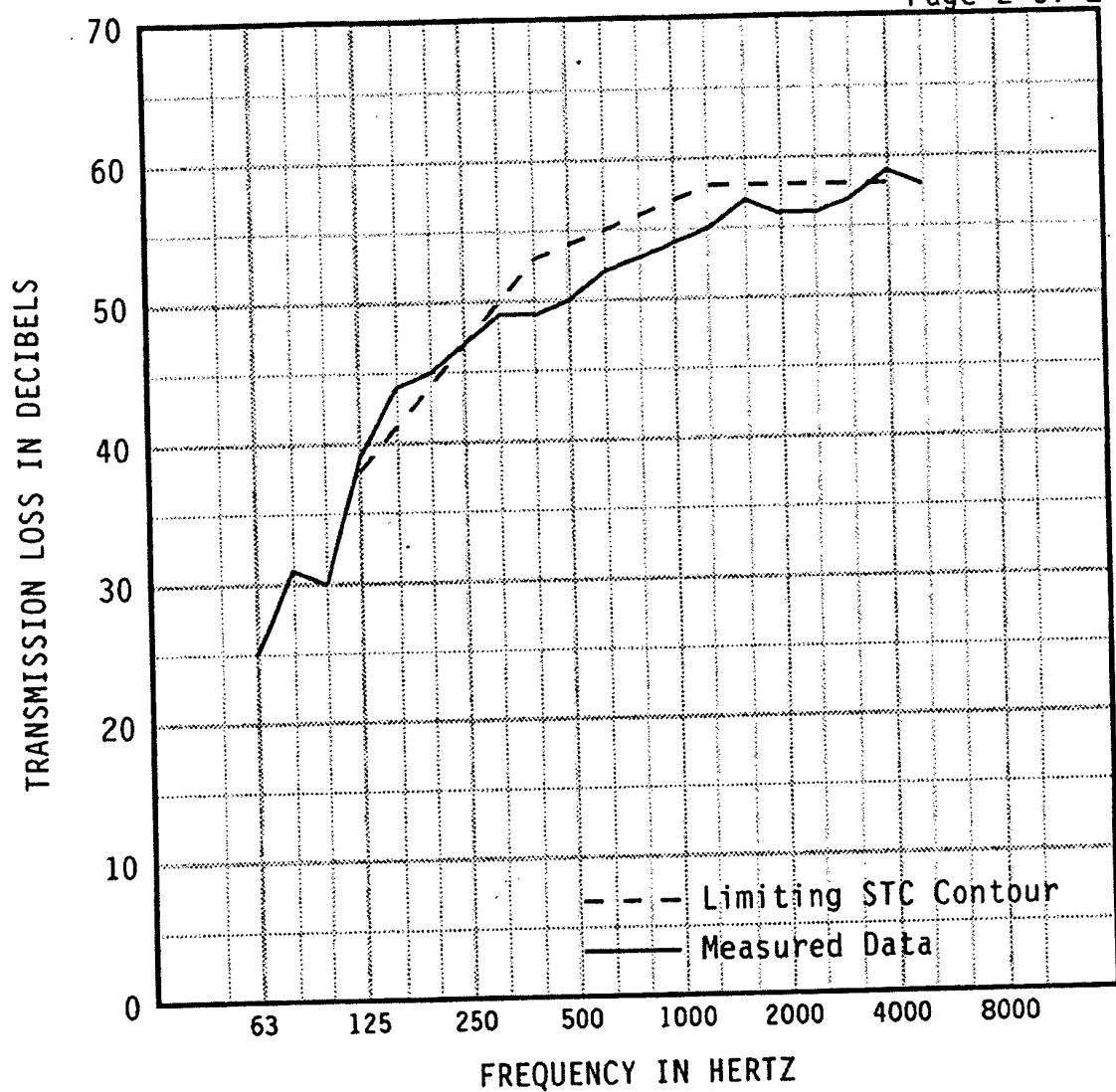


FIGURE 4

Standard 2x4 Construction with QuietRock Ultra both sides no insulation
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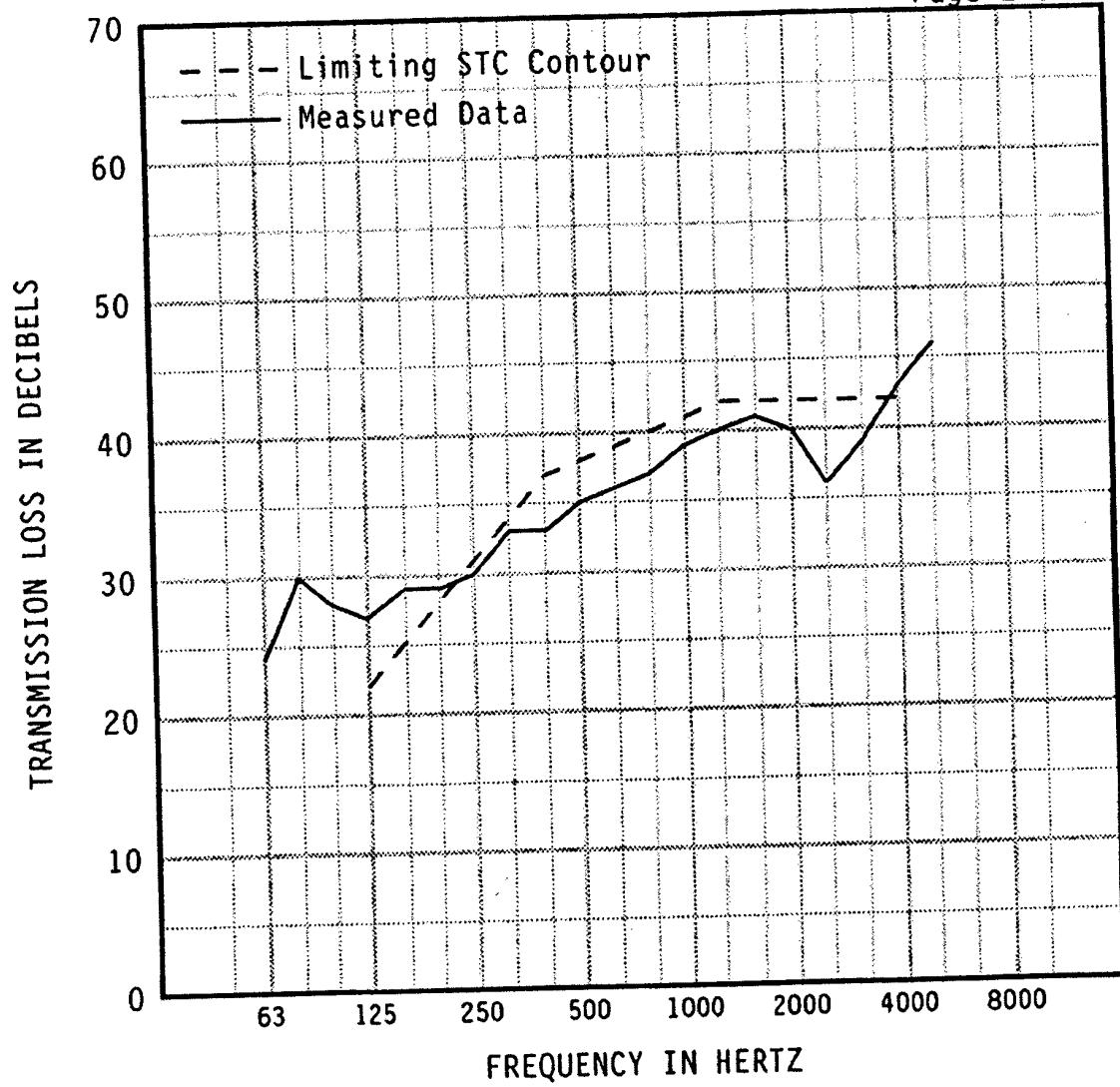
1/3 OCT BND CNTR FREQ		63	80	100	125	160	200	250	315	400	500
TL in dB		25	31	30	39	44	45	47	49	49	50
95% Confidence in dB deficiencies		1.42	1.92	2.07	1.47	0.89	0.76	0.80	0.52	0.36	0.38
1/3 OCT BND CNTR FREQ		630	800	1000	1250	1600	2000	2500	3150	4000	5000
TL in dB		52	53	54	55	57	56	56	57	59	58
95% Confidence in dB deficiencies		0.29	0.44	0.38	0.39	0.36	0.56	0.55	0.31	0.32	0.50
(3)	(3)	(3)	(3)	(3)	(1)	(2)	(2)	(1)			
EWR	OITC										STC
55	44										54 (27)

Specimen Area: 16 sq.ft.
 Temperature: 73 deg. F
 Relative Humidity: 58 %
 Test Date: 05 June 2003

FIGURE 5

QuietRock Ultra panel alone

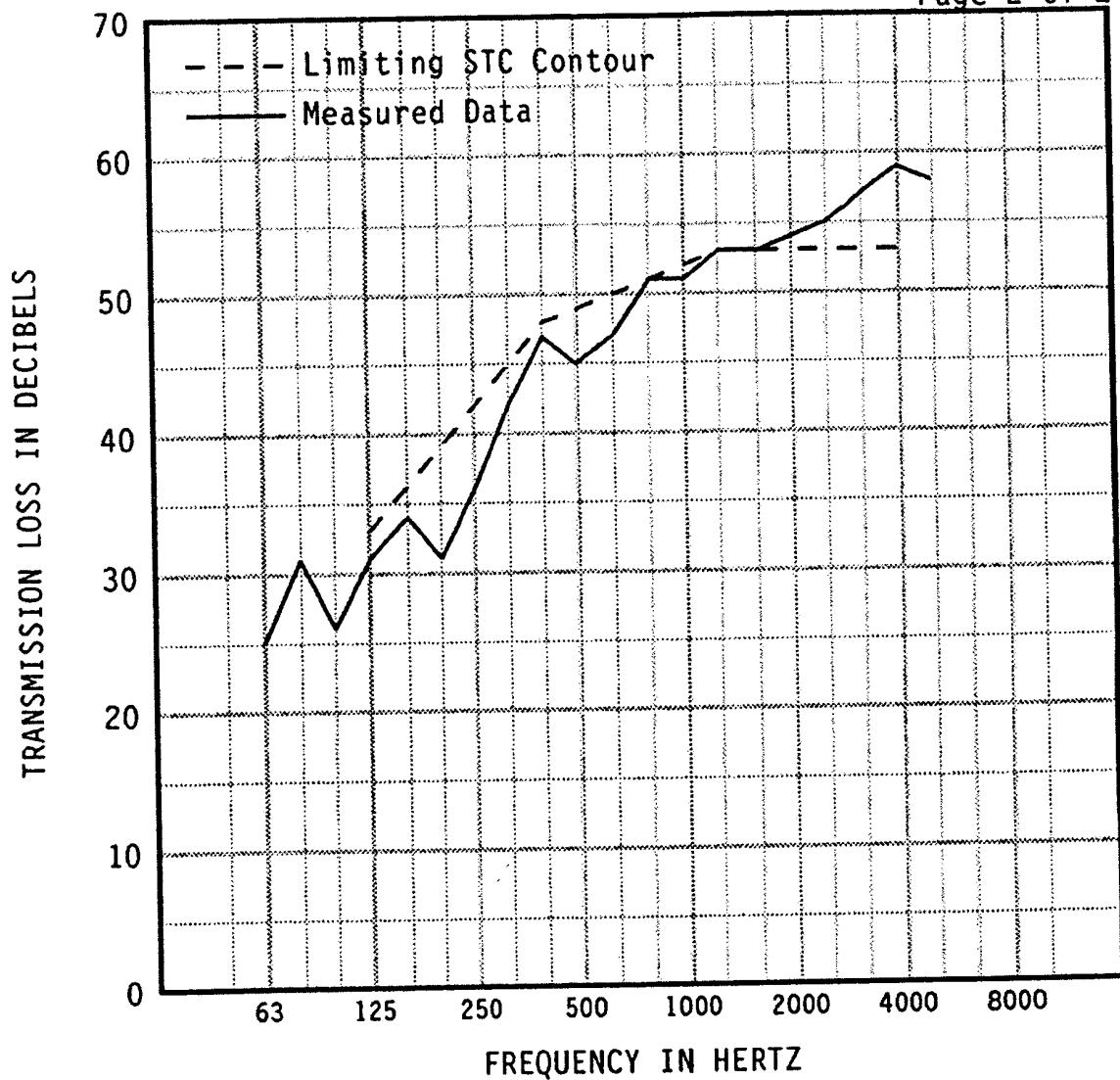
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1/3 OCT BND CNTR FREQ	63	80	100	125	160	200	250	315	400	500
TL in dB	24	30	28	27	29	29	30	33	33	35
95% Confidence in dB deficiencies	1.42	1.92	2.07	1.47	0.89	0.76	0.80	0.52	0.36	0.38
1/3 OCT BND CNTR FREQ	630	800	1000	1250	1600	2000	2500	3150	4000	5000
TL in dB	36	37	39	40	41	40	36	39	43	46
95% Confidence in dB deficiencies	0.29	0.44	0.38	0.39	0.36	0.56	0.55	0.31	0.32	0.50
EWR	OITC									STC
40	34									38 (31)

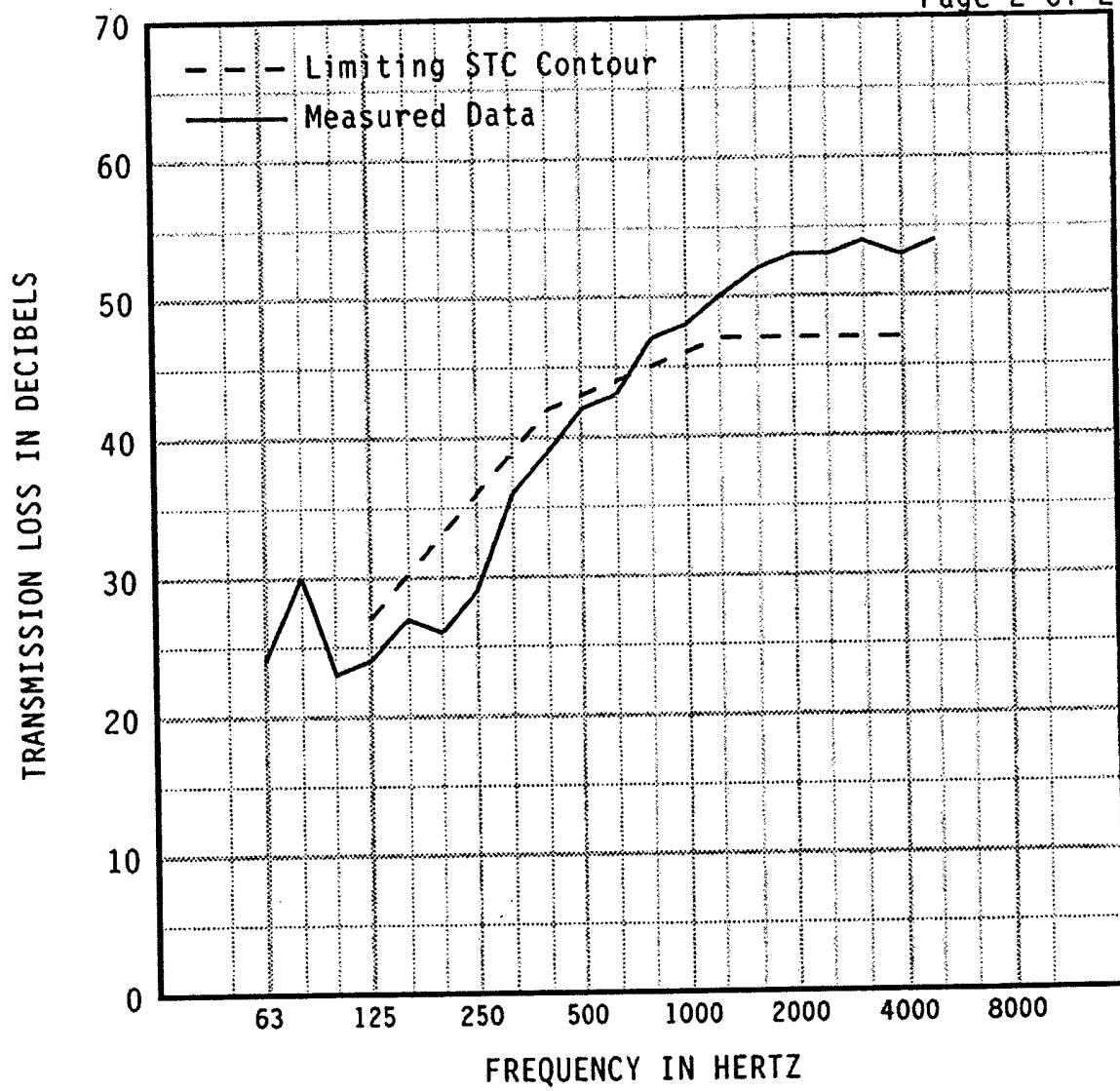
Specimen Area: 16 sq.ft.
Temperature: 73 deg. F
Relative Humidity: 57 %
Test Date: 05 June 2003

FIGURE 6



1/3 OCT BND CNTR FREQ		63	80	100	125	160	200	250	315	400	500
TL in dB		25	31	26	31	34	31	36	42	47	45
95% Confidence in dB deficiencies		1.42	1.92	2.07	1.47 (2)	0.89 (2)	0.76 (8)	0.80 (6)	0.52 (3)	0.36 (1)	0.38 (4)
1/3 OCT BND CNTR FREQ		630	800	1000	1250	1600	2000	2500	3150	4000	5000
TL in dB		47	51	51	53	53	54	55	57	59	58
95% Confidence in dB deficiencies		0.29 (3)	0.44 (0)	0.38 (1)	0.39 (0)	0.36 (0)	0.56	0.55	0.31	0.32	0.50
EWR	OITC										STC 49 (30)
48	39										
Specimen Area: 16 sq. ft. Temperature: 73 deg. F Relative Humidity: 56 % Test Date: 05 June 2003											

FIGURE 7

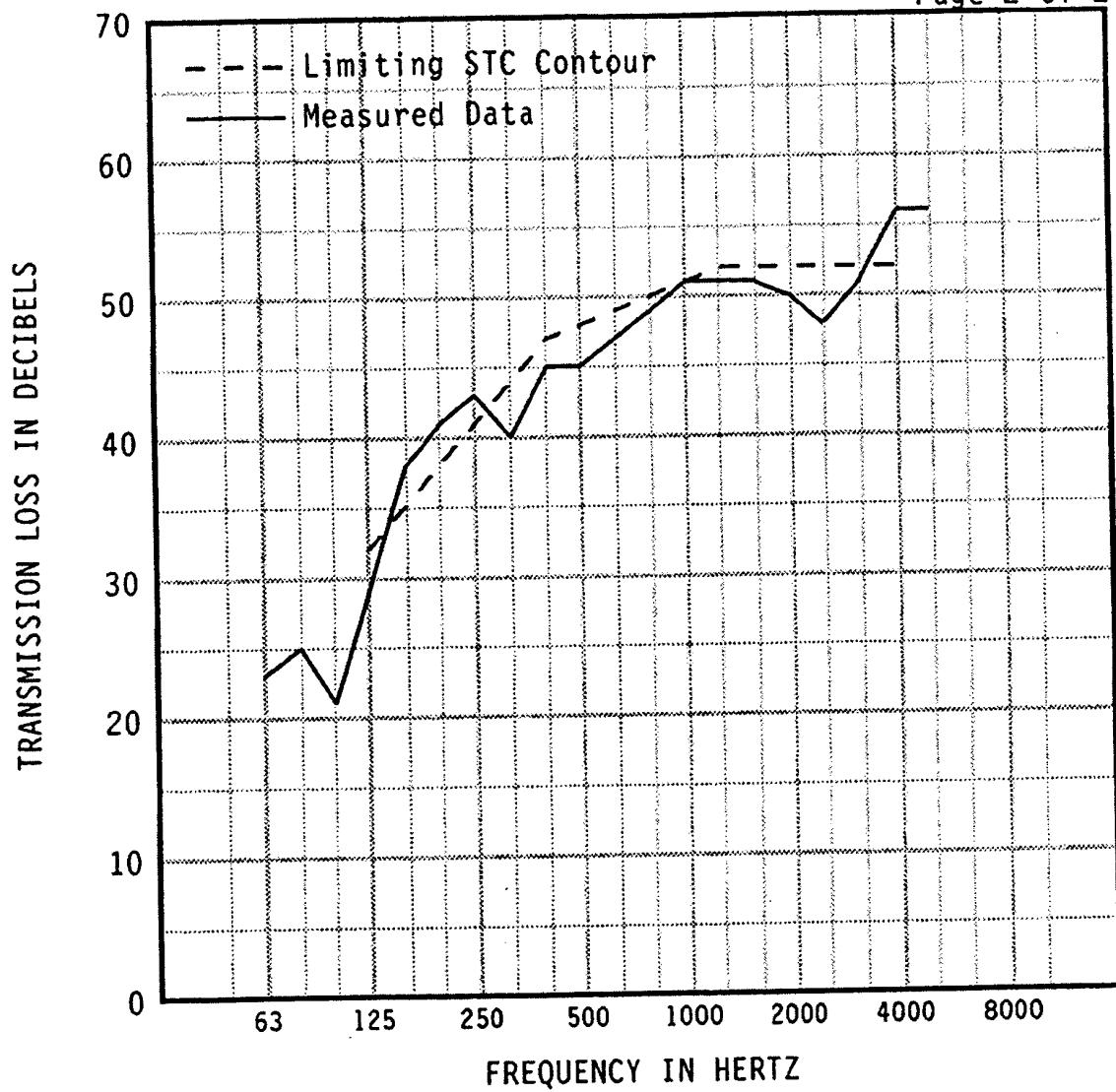


1/3 OCT BND CNTR FREQ		63	80	100	125	160	200	250	315	400	500
TL in dB		24	30	23	24	27	26	29	36	39	42
95% Confidence in dB deficiencies		1.42	1.92	2.07	1.47 (3)	0.89 (3)	0.76 (7)	0.80 (7)	0.52 (3)	0.36 (3)	0.38 (1)
1/3 OCT BND CNTR FREQ		630	800	1000	1250	1600	2000	2500	3150	4000	5000
TL in dB		43	47	48	50	52	53	53	54	53	54
95% Confidence in dB deficiencies		0.29 (1)	0.44	0.38	0.39	0.36	0.56	0.55	0.31	0.32	0.50
EWR	OITC	Specimen Area: 16 sq.ft. Temperature: 73 deg. F Relative Humidity: 57 % Test Date: 05 June 2003								STC 43 (28)	
42	33										

FIGURE 8

Standard 2x4 construction with QuietRock on 1 side and no insulation

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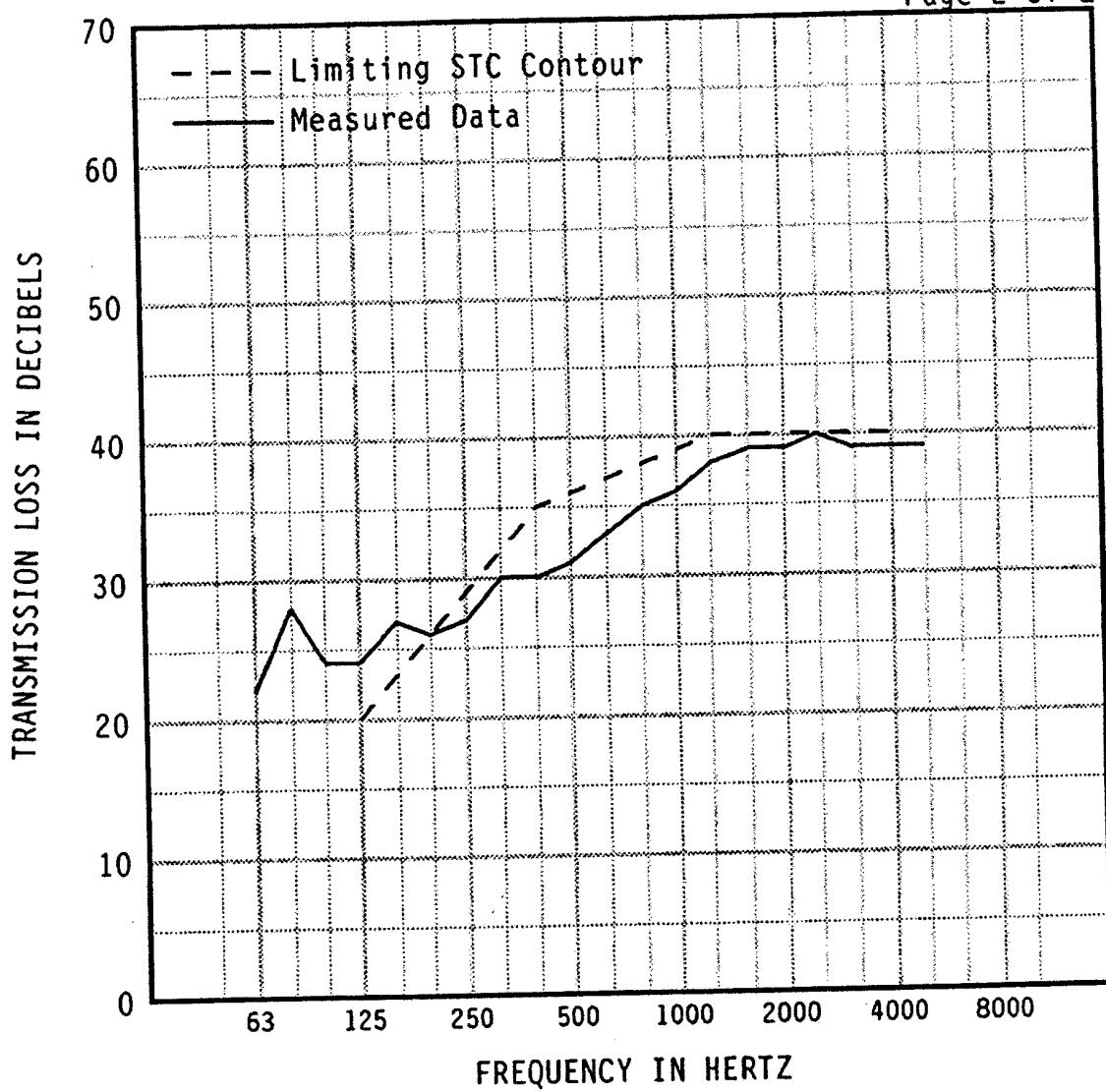
1/3 OCT BND CNTR FREQ	63	80	100	125	160	200	250	315	400	500
TL in dB	23	25	21	29	38	41	43	40	45	45
95% Confidence in dB deficiencies	1.42	1.92	2.07	1.47 (3)	0.89	0.76	0.80	0.52 (4)	0.36 (2)	0.38 (3)
1/3 OCT BND CNTR FREQ	630	800	1000	1250	1600	2000	2500	3150	4000	5000
TL in dB	47	49	51	51	51	50	48	51	56	56
95% Confidence in dB deficiencies	0.29 (2)	0.44 (1)	0.38 (0)	0.39 (1)	0.36 (1)	0.56 (2)	0.55 (4)	0.31 (1)	0.32	0.50
EWR	OITC									STC
50	36									48 (24)

Specimen Area: 16 sq. ft.
Temperature: 73 deg. F
Relative Humidity: 57 %
Test Date: 05 June 2003

FIGURE 9

QuietWood Ultra Panel Alone

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1/3 OCT BND CNTR FREQ		63	80	100	125	160	200	250	315	400	500
TL in dB		22	28	24	24	27	26	27	30	30	31
95% Confidence in dB deficiencies		1.42	1.92	2.07	1.47	0.89	0.76 (0)	0.80 (2)	0.52 (2)	0.36 (5)	0.38 (5)
1/3 OCT BND CNTR FREQ		630	800	1000	1250	1600	2000	2500	3150	4000	5000
TL in dB		33	35	36	38	39	39	40	39	39	39
95% Confidence in dB deficiencies		0.29 (4)	0.44 (3)	0.38 (3)	0.39 (2)	0.36 (1)	0.56 (1)	0.55 (0)	0.31 (1)	0.32 (1)	0.50
EWR	OITC	Specimen Area: 16 sq.ft. Temperature: 73 deg. F Relative Humidity: 58 % Test Date: 05 June 2003									STC 36 (30)
37	31										

FIGURE 10